

### Amendments to the specification

**On page 25, between lines 13 and 14 please insert the following new paragraph:**

In another embodiment, this invention relates to process of producing an adhesive composition comprising:

- a) reacting propylene and at least one comonomer selected from the group consisting of ethylene and  $C_4$  to  $C_{20}$   $\alpha$ -olefin, under polymerization conditions in the presence of a metallocene catalyst capable of incorporating the propylene sequences into isotactic or syndiotactic orientations, in at least one reactor to produce a first copolymer having at least 65 mole % propylene and (wherein preferably the first copolymer has a melting point of 25 to 120 °C, a melt index (MI) from about 78 dg/min to about 3000 dg/min according to ASTM D 1238 (B) at 190°C, and wherein the MFR, as measured according to ASTM D 1238 at 230°C, of the first copolymer is greater than 250 dg/min); and
- b) optionally, adding a tackifier;
- c) reacting propylene and at least one comonomer selected from the group consisting of ethylene and  $C_4$  to  $C_{20}$   $\alpha$ -olefin, under polymerization conditions in the presence of a metallocene catalyst capable of incorporating the propylene sequences into isotactic or syndiotactic orientations, in another reactor or subsequent reactors, to produce a second copolymer having at least 65 mol % propylene wherein at least 40 mol % of the propylene sequences are in isotactic or syndiotactic orientations and;
- d) combining the contents of the first reactor with the contents of the subsequent reactors to form a blend, and;
- e) recovering the blend of step (d), and;
- f) optionally adding a tackifier at any time in the process.